

WHAT IS CLAIMED IS:

1. Test stand for motor vehicles, having a tipping device comprising:
a lower frame unit;
an upper frame unit configured to tip relative to the lower frame unit; and
four lifting units disposed in corner zones of the frame units.
2. Test stand having a tipping device as claimed in Claim 1, wherein the
lower frame unit and the upper frame unit are interconnected exclusively via the
lifting units.
3. Test stand having a tipping device as claimed in Claim 1, further
comprising four piston rods each respectively associated with the four lifting units,
wherein the lower unit has conical holes each respectively in one of the corner
zones and each widening upwards, and
wherein the piston rods extend respectively through each of the conical holes.
4. Test stand having a tipping device as claimed in Claim 3,
wherein the piston rods comprise respective conical frames along outer
circumferences of the piston rods, and
wherein each of the conical frames, in a retracted position, forms a centered
positive connection in lateral directions between the piston rod and the lower frame
unit, thereby forming a locating bearing between the lower frame unit and the upper
frame unit.

5. Test stand having a tipping device as claimed in Claim 3, wherein each of the piston rods is connected, in a respective upper end region of each piston rod, with the upper frame unit via respective spherical bearings.

6. Test stand having a tipping device as claimed in Claim 3, wherein the upper frame unit is tipped by positioning two adjacent ones of the piston rods in respective retracted positions while extending two other ones of the piston rods from respective retracted positions.

7. Test stand having a tipping device as claimed in Claim 4, wherein each of the piston rods deflects laterally when the piston rod is extended from the retracted position.

8. Test stand having a tipping device as claimed in Claim 1, wherein the four lifting units are configured exclusively for tipping the upper frame unit.

9. Test stand having a tipping device as claimed in Claim 1, wherein the lifting units are controlled with a control terminal via a central control unit.

10. Test stand having a tipping device as claimed in Claim 1, wherein the test stand is an Electronic Stability Control test stand.